



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/812,777

DATE: 07/27/2004

TIME: 17:00:33

Input Set : A:\PTO.FG.TXT

Output Set: N:\CRF4\07272004\J812777.raw

3 <110> APPLICANT: Liew, Choong-Chin
 5 <120> TITLE OF INVENTION: Method for the Detection of Hyperlipidemia Related Gene
 Transcripts in
 6 Blood
 W--> 7 <130> FILE REFERENCE: 4231-2055I
 9 <140> CURRENT APPLICATION NUMBER: 10/812,777
 10 <141> CURRENT FILING DATE: 2004-03-30
 12 <150> PRIOR APPLICATION NUMBER: US 10/802,875
 13 <151> PRIOR FILING DATE: 2004-03-12
 15 <150> PRIOR APPLICATION NUMBER: US 10/601,518
 16 <151> PRIOR FILING DATE: 2003-06-20
 18 <150> PRIOR APPLICATION NUMBER: US 10/268,730
 19 <151> PRIOR FILING DATE: 2002-10-09
 21 <150> PRIOR APPLICATION NUMBER: US 10/085,783
 22 <151> PRIOR FILING DATE: 2002-02-28
 24 <150> PRIOR APPLICATION NUMBER: US 09/477,148
 25 <151> PRIOR FILING DATE: 2000-01-04
 27 <150> PRIOR APPLICATION NUMBER: US 60/271,955
 28 <151> PRIOR FILING DATE: 2001-02-28
 30 <150> PRIOR APPLICATION NUMBER: US 60/305,340
 31 <151> PRIOR FILING DATE: 2001-07-13
 33 <150> PRIOR APPLICATION NUMBER: US 60/275,017
 34 <151> PRIOR FILING DATE: 2001-03-12
 36 <150> PRIOR APPLICATION NUMBER: US 60/115,125
 37 <151> PRIOR FILING DATE: 1999-01-06
 39 <160> NUMBER OF SEQ ID NOS: 112
 41 <170> SOFTWARE: PatentIn version 3.2
 43 <210> SEQ ID NO: 1
 44 <211> LENGTH: 110
 45 <212> TYPE: DNA
 46 <213> ORGANISM: Human
 48 <400> SEQUENCE: 1
 49 acacaacgta acaataacat atttagccaa tgtagtagac tgctatataa tacattagag 60
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 56 <212> TYPE: DNA
 57 <213> ORGANISM: Human
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 62 <222> LOCATION: (16)..(16)
 63 <223> OTHER INFORMATION: n is a, c, g, or t
 65 <220> FEATURE:
 66 <221> NAME/KEY: misc_feature



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67 <222> LOCATION: (19)..(19) ✓
68 <223> OTHER INFORMATION: n is a, c, g, or t
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75 <220> FEATURE:
76 <221> NAME/KEY: misc_feature ✓
77 <222> LOCATION: (38)..(38)
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108 <223> OTHER INFORMATION: n is a, c, g, or t
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125 <220> FEATURE:
126 <221> NAME/KEY: misc_feature ✓
127 <222> LOCATION: (121)..(121)

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157 <222> LOCATION: (181)..(181)
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162 <222> LOCATION: (193)..(194)
163 <223> OTHER INFORMATION: n is a, c, g, or t
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167 <222> LOCATION: (209)..(210)
168 <223> OTHER INFORMATION: n is a, c, g, or t
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187 <222> LOCATION: (228)..(228)
188 <223> OTHER INFORMATION: n is a, c, g, or t

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190 <220> FEATURE:
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192 <222> LOCATION: (233)..(233)
193 <223> OTHER INFORMATION: n is a, c, g, or t
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196 <221> NAME/KEY: misc_feature ✓
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198 <223> OTHER INFORMATION: n is a, c, g, or t
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203 <223> OTHER INFORMATION: n is a, c, g, or t
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206 <221> NAME/KEY: misc_feature ✓
207 <222> LOCATION: (251)..(254)
208 <223> OTHER INFORMATION: n is a, c, g, or t
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213 <223> OTHER INFORMATION: n is a, c, g, or t
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232 <222> LOCATION: (292)..(293)
233 <223> OTHER INFORMATION: n is a, c, g, or t
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236 <221> NAME/KEY: misc_feature ✓
237 <222> LOCATION: (299)..(299)
238 <223> OTHER INFORMATION: n is a, c, g, or t
240 <220> FEATURE:
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247 <222> LOCATION: (307)..(307)
248 <223> OTHER INFORMATION: n is a, c, g, or t
250 <220> FEATURE:

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Input Set : A:\PTO.FG.TXT

Output Set: N:\CRF4\07272004\J812777.raw

251 <221> NAME/KEY: misc_feature
252 <222> LOCATION: (312)..(312)
253 <223> OTHER INFORMATION: n is a, c, g, or t
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287 <222> LOCATION: (377)..(377)
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290 <220> FEATURE:
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293 <223> OTHER INFORMATION: n is a, c, g, or t
295 <220> FEATURE:
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297 <222> LOCATION: (391)..(391)
298 <223> OTHER INFORMATION: n is a, c, g, or t
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308 <223> OTHER INFORMATION: n is a, c, g, or t
310 <220> FEATURE:
311 <221> NAME/KEY: misc_feature

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/812,777DATE: 07/27/2004
TIME: 17:00:34Input Set : A:\PTO.FG.TXT
Output Set: N:\CRF4\07272004\J812777.raw**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 16,19,25,38,40,42,44,64,65,66,70,71,81,86,89,117,121,125,135
Seq#:2; N Pos. 143,177,179,184,193,194,209,210,215,217,221,228,233,236,243
Seq#:2; N Pos. 251,252,253,254,270,272,274,275,283,292,293,299,303,307,312
Seq#:2; N Pos. 319,324,325,328,329,342,345,366,371,382,391,395,400,412,413
Seq#:2; N Pos. 422,424,426,433,439,442,452,460,463,471,495,500,504,516
Seq#:5; N Pos. 13,14,16,20,21,25,26,27,28,42,52,55,57,59,63,65,68,72,74,77
Seq#:5; N Pos. 91,102,117,127,128,169,172,192,203,243,244,248,249,253,283
Seq#:5; N Pos. 288,299,318,327,334,348,359,360
Seq#:6; N Pos. 475,556,559,585,606,644,671,693,695,714,742,744,756,765,768
Seq#:6; N Pos. 808,815,823,830,837
Seq#:10; N Pos. 433,600,615,626,645,661
Seq#:14; N Pos. 6,15,37,38,47,56,57,94,127,155,157
Seq#:16; N Pos. 5,15,39,47,52,69,154,207,217
Seq#:17; N Pos. 18,19,27,47,66,76,82,108,133,162,210,260,276
Seq#:19; N Pos. 17,40,59,76,107,165,189,216,221,230
Seq#:21; N Pos. 17,23,28,36,41,44,53,59,62,67,70,71,74,76,79,83,84,86,97
Seq#:22; N Pos. 2,17,37,52,53,56,77,85,89,96
Seq#:23; N Pos. 17,19,27,28,29,37,38,46,49,65,72
Seq#:24; N Pos. 5,13,71,88,91,109,157,177,199,207,211
Seq#:26; N Pos. 299,333,353,410,411,460,474,479
Seq#:27; N Pos. 348,422,435,476,490
Seq#:28; N Pos. 18,47,59,74,138,174,176,211
Seq#:29; N Pos. 1,2,12,29,34
Seq#:30; N Pos. 3,4,5,6,8,13,15,20,27,32,33,40,49,50,57,63,67,69,76,78,87
Seq#:30; N Pos. 89
Seq#:31; N Pos. 12,26,46,49,55,60,63,69,70,73,79,92,96
Seq#:32; N Pos. 2,7,27,34,57,63,64,67,73,75,76,77,78,80,90,96,97,98
Seq#:33; N Pos. 5,12,28,32,38,44,57,68,76,82,92
Seq#:34; N Pos. 3,21,27,28,38,47,50,53,61,73,78,83,85,97
Seq#:35; N Pos. 21,22,28,32,65,67,68,70,77,83,92
Seq#:36; N Pos. 4,8,29,43,44,46,57,59,84,98,115,117,118
Seq#:37; N Pos. 7,10,53,61,65,66,72,74,75,89,94,100,107,126,141
Seq#:38; N Pos. 2,10,61,63,72,79
Seq#:39; N Pos. 5,7,8,10,15,16,20,24,71
Seq#:40; N Pos. 80,91
Seq#:42; N Pos. 14,31,36,63,73,93,98
Seq#:44; N Pos. 2,11,27,28,34,38,39,41,49,50,61,62,67,68,76,79,80,85,89,93
Seq#:45; N Pos. 8,24,33,34,47,48,58,63,68,71,73,77,88,95,96
Seq#:46; N Pos. 74
Seq#:47; N Pos. 7,8,17,23,33,42,47,48,52,55,60,62,66,70,71,74,84,86,87,96
Seq#:47; N Pos. 99,100
Seq#:48; N Pos. 5,6,33,35,36,42,46,48,55,59,69,81,87,91,94,97
Seq#:49; N Pos. 20,38,164,178,201,211,274,305,340,346,386,387,405,433,446
Seq#:50; N Pos. 5,6,13,18,22,39,45,48,54,65,70,72,80,83,90,94,96,98,102,104

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Seq#:50; N Pos. 113,115,117,121,123,125,128,142,144,160,174,175,180,181,186
Seq#:50; N Pos. 192,198,205,215,223,224,233,234,238,243,253,257,268,280,291
Seq#:50; N Pos. 296,300,305,308,311,319,322,326,328,334,335,338,339,347,352
Seq#:50; N Pos. 358,361,367,382,389,395,410,413,414,418,425,436,443
Seq#:51; N Pos. 19,59,87,119,203,215,274,296,309,353,425,426,427,431,451
Seq#:51; N Pos. 470,472,478
Seq#:52; N Pos. 13,14,17,20,22,27,29,31,36,43,46,58,59,74,78,81,85,87,88,90

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L:7 M:283 W: Missing Blank Line separator, <130> field identifier
L:386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
M:341 Repeated in SeqNo=2
L:610 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
M:341 Repeated in SeqNo=5
L:746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:420
M:341 Repeated in SeqNo=6
L:855 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:420
M:341 Repeated in SeqNo=10
L:963 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
M:341 Repeated in SeqNo=14
L:1045 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
M:341 Repeated in SeqNo=16
L:1121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
M:341 Repeated in SeqNo=17
L:1212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
M:341 Repeated in SeqNo=19
L:1330 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
M:341 Repeated in SeqNo=21
L:1387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
M:341 Repeated in SeqNo=22
L:1439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
M:341 Repeated in SeqNo=23
L:1506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
M:341 Repeated in SeqNo=24
L:1584 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:240
M:341 Repeated in SeqNo=26
L:1637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:300
M:341 Repeated in SeqNo=27
L:1693 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
M:341 Repeated in SeqNo=28
L:1729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:1826 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
M:341 Repeated in SeqNo=30
L:1898 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
M:341 Repeated in SeqNo=31
L:1970 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
M:341 Repeated in SeqNo=32
L:2037 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
M:341 Repeated in SeqNo=33
L:2114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
M:341 Repeated in SeqNo=34
L:2171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
M:341 Repeated in SeqNo=35
L:2238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
M:341 Repeated in SeqNo=36
L:2317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
M:341 Repeated in SeqNo=37

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L:2361 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0

M:341 Repeated in SeqNo=38

L:2408 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0